

In the Specification:

Replace the last paragraph on page 4 with the following paragraph:

The present invention relates to a composite fabric wherein a plurality of substantially parallel, ~~coaxially~~ aligned tow groups, each of said tow groups having one or more tows wherein a portion of said tow groups contain two or more tows. The spacing between tows in a tow group is less than the spacing between adjacent tow groups. The spacing between adjacent tow groups form flow channels. The flow channels permit resin to flow evenly and quickly through the fabric, which results in shorter processing time and a more consistent resin distribution, decreasing the likelihood of resin starved areas within the cured laminate.

Replace the last paragraph on page 6 with the following paragraph:

The above objects have been achieved through the development of a fabric comprising a plurality of substantially parallel, ~~coaxial~~ aligned tow groups, each of said tow groups containing one or more tows wherein a portion of said tow groups contain two or more tows. The spacing between tows in a tow group is less than the spacing between adjacent tow groups. The spacing between adjacent tow groups forms flow channels. The flow channels can be formed in a single ply in a fabric or in any number of plies in a multi-ply fabric. When the fabric is infused with resin, the flow channels permit faster resin infusion of the fabric (typically between about 40% to about 60%).

Replace the second paragraph on page 7 with the following paragraph:

Referring to FIG. 1, a fragmentary, perspective view of the fabric of the present invention is shown. Fabric 2 is made of a plurality of substantially parallel, ~~coaxially~~ aligned tows 4 which comprise adjacent tow groups 5, 7. As illustrated in FIG. 1, tow group 5 contains two tows and tow group 7 contains three tows. The tows of tow group 5 have longitudinal axes 15 and tows of tow group 7 have longitudinal axes 17. As shown in FIG. 1, the longitudinal axes 15 and longitudinal axes 17 are co-planar, lying in plane 19. The tow groups in fabric 2 are intermittently spaced, the spaces forming flow channels 6. The placement of flow channels between tow groups may vary, i.e., one tow group, having two adjacent tows, between a tow group, having four adjacent tows, and equally spacing tow groups. The ratio of tow groups to flow channels may be determined by the resin, i.e., a more viscous resin would require equally alternating tow groups to flow channels, thus providing more channels for the flow of the resin. In the alternative, a less viscous resin would require less flow channels.

Replace the Abstract on page 17 with the following Abstract:

The present invention relates to a composite fabric having a plurality of substantially parallel, ~~coaxially~~ aligned tow groups, each of the tow groups having one or more tows wherein a portion of the tow groups contain two or more tows, wherein the spacing between tows in a tow group is less than the spacing between adjacent tow groups. The spacing between adjacent tow groups form flow channels which permit resin to flow evenly and quickly through the fabric. This results in shorter processing time and a more consistent resin distribution, decreasing the likelihood of resin starved areas within the cured laminate.